



# भारत का राजपत्र

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No. 47] NEW DELHI, SATURDAY, NOVEMBER 22, 1980 (AGRAHAYANA 1, 1902)

स भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE

#### PATENTS AND DESIGNS

Calcutta, the 22nd November 1980

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

15th October 1980

1169/Cal/80. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Method of removing an irregularity in a thread. [Divisional date January 29, 1979].

1170/Cal/80. Graf & Cie. A.G. A card clothing intended to be mounted to the flats of a carding machine.

1171/Cal/60. Westinghouse Electric Corporation. Starting arrangement for high-intensity-discharge sodium lamp.

1172/Cal/80. Combustion Engineering, Inc. System for controlling the flow of gaseous fluids.

1173/Cal/80. Beloit Corporation. Centrifugally cast chilled iron roll.

1174/Cal/80. Hitachi Ltd. Display device.

1175/Cal/80. Hitachi Ltd. Liquid crystal display device.

1176/Cal/80. Hitachi, Ltd. Display device structure.

1177/Cal/80. Hitachi Ltd. Timepiece.

1178/Cal/80. G. D. Societa per Azioni. Conveyor system for the bulk transfer of bar-shaped articles, particularly cigarettes.

1179/Cal/80. Mining Supplies Limited. Mining machine. (October 19, 1979).

16th October 1980

1180/Cal/80. Union Carbide India Limited. Improved push button switch.

1181/Cal/80. J. P. Mathur. System for detecting fire giving alarm and extinguishing fire.

1182/Cal/80. F. W. Hayes and D. C. Lennon. Production of ethanol from sugar cane. (October 17, 1979).

1183/Cal/80. P. Howe. An improved folding freight carrier. (October 16, 1979).

1184/Cal/80. Gersan Establishment. A gemstone cutting machine. (October 16, 1979).

1185/Cal/80. The United States of America. Modified sulfur cement.

21st October 1980

1186/Cal/80. Schlumberger Limited. Methods and apparatus for nuclear well logging.

1187/Cal/80. Tetra Pak Development SA. Device for manufacturing packages filled with liquid.

1188/Cal/80. Steel Authority of India Ltd. A process for the production of steel using super flux sinter composite.

1189/Cal/80. Wear United Inc. Gripper mechanism for tension reel mandrel and the like.

1190/Cal/80. Metallgesellschaft A.G. Process of reducing in a rotary kiln with a controlled injection of air through shell nozzles.

22nd October 1980

1191/Cal/80. General Electric Company. Improved method of making diamond compacts for rock drilling.

1192/Cal/80. General Electric Company. Compacts for diamond drill and saw applications.

1193/Cal/80. Tselinogradsky Inzhenerno-Stroitelny Institut. Method of heat-and-moisture treatment of articles, for example, concrete articles and an apparatus for accomplishing same.

1194/Cal/80. The Dow Chemical Company. Hydrated  $Mg(NO_3)_2$  reversible phase change compositions.

1195/Cal/80. The Dow Chemical Company. Hydrated  $Mg(NO_3)_2/MgC_2$  reversible phase change compositions.

**APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, SARASWATI MARG, KAROL BAGH, NEW DELHI-110 005**

29th September 1980

700/DEL/80. Bharat Heavy Electricals Ltd., "A Reheat temperature control system in a Utility Steam Generator." [Addition to 778/Del/79].

701/DEL/80. The Director, All India Institute of Medical Sciences, "Antigen Strips or Discs for conducting tests relating to contact Dermatitis." [Addition to 25/Del/77].

702/DEL/80. Shri Ram Institute for Industrial Research, "A Process for manufacture of Portland Cement from Waste Sludge."

703/DEL/80. Frieske & Hoepfner GmbH, "Improvements in or relating to a method of controlling the thickness of a moving web." (March 31, 1980).

704/DEL/80. Dunlop Limited, "Improvements in Wheel Rims for Tubeless Pneumatic Tyres." (June 4, 1976, Sept. 24, 1976, October 14, 1976, March 1, 1977 & March 4, 1977), [Divisional date May 28, 1977].

705/DEL/80. Dunlop Limited, "A Tyre for a Tyre and Wheel Rim Assembly." (June 4, 1976, Sept. 24, 1976, October 14, 1976, March 1, 1977 & March 4, 1977), [Divisional date May 28, 1977].

706/DEL/80. The English Electric Company Limited, "Electric Fuse." (Oct. 10, 1979).

707/DEL/80. Shankar Dass & Son Dutt, "Electric Motor / Diesel Engine Driven Geared Sugar Cane Crushing Machine."

30th September 1980

708/DEL/80. Miles Laboratories, INC., "Confactor Indicator Compositions."

709/DEL/80. Novistar S.A., "Device for the Indication, for a given place, of the Direction of a Terrestrial Great Circle Passing by Mecca."

710/DEL/80. Imperial Chemical Industries Limited, "Process and apparatus for the mixing of Fluids and Solids." (October 18, 1979).

1st October 1980

711/DEL/80. Chief Controller of Research and Development, R & D Organisation, Ministry of Defence, "A Process for the Preparation of a Culture Medium."

712/DEL/80. Bharat Heavy Electricals Ltd., "A Regenerative Air Heater."

713/DEL/80. Prudential Research Corporation, "A Device."

714/DEL/80. Prudential Research Corporation, "A Charging Chamber for use in an Electrostatic Photocopier."

715/DEL/80. Prudential Research Corporation, "A Magnetic Brush."

716/DEL/80. Director General, Cement Research Institute of India, "A Process for the manufacture of Coloured Clinker."

717/DEL/80. Director General, Cement Research Institute of India, "A Process for the manufacture of Coloured Clinker."

3rd October 1980

718/DEL/80. Chandra Shekhar Kalla, "Generation of Electricity by Rolling Traffic from Busy Roads."

719/DEL/80. The General Tire & Rubber Company, "Solution Polymerization."

720/DEL/80. World Energy Resources Consultancy Service (Pty) Limited, "Fluidised Bed Boilers." (October 3, 1979, April 11, 1980 & June 10, 1980).

721/DEL/80. Colgate-Palmolive Company, "Stabilization of Carrageenan-Containing Toothpaste."

722/DEL/80. G. D. Societa' Per Azioni, "Strap Guiding Device, Particularly for Cigarette making Machines."

4th October 1980

723/DEL/80. Karambir Singh, "Air Damped Door Closer."

724/DEL/80. Indian Institute of Petroleum, "Improved Direct Coal Fired Chullah."

725/DEL/80. Council of Scientific & Industrial Research, "A Process for the Extraction of Copper Lead and Zinc from their Sulphides/Ores/Concentrate through Ammonium Sulphate Roasting at Low Temperature."

**APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH TODI ESTATES (3RD FLOOR), LOWER PAREL (W), BOMBAY-400 013**

29th September 1980

304/BOM/80. Sashikant Damodar Malshe. Flexible coupling.

3rd October 1980

305/BOM/80. Ashok Vasantrao Dodke. Pan Machine.

6th October 1980

306/BOM/80. Satish Manohar Pradhan. Ball pen, pen and pencil, Ball pen-cum-torch.

307/BOM/80. Smt. Gauriben Ambalal Prajapati. A mechanical contrivance to drive any mechanical machine without any fuel or electrical current.

308/BOM/80. Anand Madhusudan Paranjape and M. B. Vaishampayan. Improved reinforced paper.

7th October 1980

309/BOM/80. Hindustan Lever Limited. Built detergent bars. (October 12, 1979).

10th October 1980

310/BOM/80. Jaiprakash Anant Sathe. Slidable clamp for Catwalks for corrugated roofs.

311/BOM/80. Jaiprakash Anant Sathe. Catwalk for corrugated roofs.

312/BOM/80. Jaiprakash Anant Sathe. A snap-on clamp-cum-nut for bolts.

**APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,**

MADRAS-600002

9th October 1980

183/Mas/80. V. Suryanarayanan. A machine for printing numerical digits or the like on wheels and cylinders.

184/Mas/80. Lucas Industries Ltd. Improvements in automatic slack adjusters for vehicle shoe drum brakes. (October 10, 1979 and December 13, 1979).

185/Mas/80. M. Anjiah. Malchelime swayam chodita chakra (Machine).

10th October 1980

186/Mas/80. S. Gopalakrishnan. An automatic restarter for three phase motors.

187/Mas/80. J. S. Ebenezer. Pedal-power attachment to bicycles and other like vehicles.

14th October 1980

188/Mas/80. Dr. J. A. M. Pandian. Adapter to the probe of a cryo surgical unit for cataract operation.

15th October 1980

189/Mas/80. R. R. Miste. Steering damper (anti wobbler) for automobiles.

190/Mas/80. Dandy Rolls India Pvt. Ltd. Dandy rolls and the improvement in the operation thereof.

191/Mas/80. M. B. Hancefa. Electronically operated vote counting machine.

#### ALTERATION OF DATE

148179.

961/Cal/78. Ante-dated 4th November 1976.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of such specifications are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kisan Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 107B. 148168.

Int. Cl. F02m 47/02.

#### EQUIPMENT FOR INJECTING FUEL IN AIR-COMPRESSING INTERNAL COMBUSTION ENGINES.

*Applicant*: MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT, OF KATZWANGER STR. 101, D 8500 NURNBERG, WEST GERMANY.

*Inventor*: ING. ALFRED NEITZ.

Application No. 224/Cal/78 filed March 2, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 9 Claims.

Equipment for injecting fuel for air-compressing internal combustion engines comprising essentially at least one injection pump element with a pump delivery valve, a spring-loaded injection valve, a leak on return pipe and a fuel delivery pipe connecting the injection pump element and, respectively, the pump delivery valve with the injection valve preferably direct with the nozzle needle annular clearance of the latter with a relief valve being provided in the fuel delivery pipe as close as possible to the injection valve or, respectively, the nozzle needle annular clearance, characterized in that an additional discharge passage (15) is provided as close as possible to the nozzle hole (13) or the nozzle holes in the injection valve (5), and in that the cross sectional area of the plunger (8) in the injection pump element (1) is sized at least large enough to make available additionally the amount of fuel flowing away through the discharge passage (15) without prolonging the injection time.

Comp. Specn. 10 Pages.

Drg. 1 Sheet.

CLASS 65B.

148169.

Int. Cl. H01f 21/00.

#### A TAP SWITCH ATTACHMENT FOR A TAPPED TRANSFORMER.

*Applicant*: MAS CHINENFABRIK REINHAUSEN GEBRUEDER SCHEUBECK GMBH & CO. KG. OF 8 FALKENSTEINSTRASSSE, 8400 REGensburg, FEDERAL REPUBLIC OF GERMANY.

*Invenstor*: KARL STENZEL AND ALEXANDER BLEIBREU.

Application No. 178/Del/78 filed March 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

#### 10 Claims.

A tap switch attachment for a tapped transformer, comprising a main housing provided with a lateral opening connectable to a lateral opening associated with a tapped transformer, a tap switch mounted within an oil-tight housing which is contained in the main housing, the tap switch being provided with a plurality of tap contacts, a frame arranged in the lateral opening of the main housing and carrying at least one mounting strip, and a plurality of conductors each for connection to the tapped transformer, one portion of each one of the conductors being connected to a respective one of the tap contacts and another portion of each one of the conductors being mounted to the or one of the mounting strips.

Comp. Specn. 9 Pages.

Drg. 1 Sheet.

CLASS 85R.

148170.

Int. Cl. F27d 3/16.

#### IMPROVEMENTS IN OR RELATING TO TUYERES FOR BLAST FURNACES AND FURNACES HAVING SUCH TUYERES INSTALLED THEREIN.

*Applicants*: I.S.C. SMELTING LIMITED, A BRITISH COMPANY OF 6 ST. JAMES'S SQUARE, LONDON, SW1Y 4LD, ENGLAND.

*Invenstor*: MICHAEL WILLIAM GAMMON AND JOHN ALLENCLARKE.

Application No. 551/Del/78 filed on July 27, 1978.

Convention date : September 15, 1977/(38512/77) U.K.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

#### 9 Claims.

A tuyere for a blast furnace, the main body of the tuyere being in the form of a tube with a central bore of substantially constant cross-sectional area, and the nose portion of the tuyere having a downwardly inclined hood-like extension of the upper wall of the tube (whereby gas passing through the nose of the tuyere is deflected downwardly by the said extension) which extension has a gas outlet aperture of greater

area than the constant cross-sectional area of the bore of the tube.

Comp. Specn. 10 Pages. Drg. 1 Sheet.  
CLASS 184, 27LO, 151A & 131-A-1. 148171.

Int. Cl. E01g 5/16, 5/04, E046 2/32, 2/72 & EO4C 2/46.

IMPROVEMENTS IN OR RELATING TO WALL SEGMENTS.

*Applicants* : CHAROON TUNNELS LIMITED, A BRITISH COMPANY, OF SOUTHWELL LANE, KIRKBY-IN-ASHFIELD, NOTTINGHAMSHIRE NG17 8FN, ENGLAND.

*Inventors* : THOMAS ERIC HORNCY, (2) DAVID ROY ALLUM, (3) RUPERT JOHN SIDNEY McBEAN.

Application No. 565/Del/78 filed on August 1, 1978.

Convention date : August 16, 1977/(34416/77) U.K.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

22 Claims.

A wall segment formed in a cast material of high compressive strength and having joining means at each pair of opposite ends of the segment for joining the segment ends to the corresponding ends of similar segments, the joining means at each end of the segment comprising at least two grooves formed in a segment end at spaced locations across the end and extending partway only across the end from one edge thereof, tensile elements cast in the ends of the segment adjacent each groove and having hoops projecting from the ends of the segment and bridging each of the respective grooves for overlapping with corresponding hoops on an adjacent segment end and separate fastening devices to be driven into each hoop to secure the hoop to the overlapping hoop of an adjacent segment end and to hold the adjacent segment ends together in compression.

Comp. Specn. 19 Pages. Drg. 8 Sheets.  
CLASS 32F1. 148172

Int. Cl. C07C 49/68.

PROCESS FOR THE PREPARATION OF 1-AMINO-4-BROMOANTHRAQUINONE-2-SULPHONIC ACID.

*Applicants* : BAYER AKTIENGESELLSCHAFT, A BODY CORPORATE ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY, MANUFACTURERS.

*Inventors* : GERHARD BERG, WALTER HOHMANN, KARL JULIUS REUBKE & KLAUS WUNDERLICH.

Application No. 593/Del/78 filed on August 10, 1978.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims.

Process for the preparation of 1-amino-4-bromo-anthraquinone-2-sulphonic acid, or alkali metal salts thereof, characterised in that (a) 1-nitro-anthraquinone, which may be impure, is converted into 1-amino-anthraquinone by reduction with sodium sulphide and/or sodium bisulphide or by replacing the nitro group using ammonia under pressure, then (b) the crude 1-amino-anthraquinone is first treated with oleum at temperatures in the range from 100 to 150°C, alkali metal sulphates being added, and the product is then treated with bromine at temperatures in the range from 60 to 100°C, and thereafter (c) the 1-amino-4-bromoanthraquinone-2-sulphonic acid, or alkali metal salts thereof, is precipitated from the reaction mixture by adjusting the sulphuric acid concentration to a sulphuric acid content of 60 to 85% by weight the said adjustment being effected by a method such as herein described, or by stirring the reaction mixture into water, which optionally contains alkali metal sulphate, and is filtered off and the 1-amino-4-bromoanthraquinone-2-sulphonic acid, or alkali metal salts thereof, is appropriately redissolved in water and reprecipitated.

Comp. Specn. 26 Pages.

CLASS 146D<sub>1</sub> & 171. 148173.

Int. Cl. G02c 7/04.

A MOUNTING ADAPTER FOR INTRA-OCULAR LENS AND METHOD OF MAKING SAME.

*Applicant & Inventor* : STANLEY POLER, OF 78 EAST SECOND STREET, NEW YORK, NEW YORK 10003, UNITED STATES OF AMERICA.

Application No. 626/Cal/77 filed April 27, 1977.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

41 Claims.

A mounting assembly for a lens to be implanted in place of a natural lens within a human eye and made of biologically inert and non-toxic material, the assembly comprising means for at least partly surrounding the periphery of the lens, means for axially retaining the lens; and lens-positioning feet extending outwardly from the lens surrounding means at angularly spaced positions, the feet being arranged in two sets such that when implanted in an eye one of the sets engages the front face of the iris and the other set engages the rear face of the iris to support the assembly within the eye.

Comp. Specn. 27 Pages. Drg. 3 Sheets.

CLASS 136-I. & 145C. 148174.

Int. Cl. D21b 1/10.

ELONGATED FIBROUS STRUCTURES.

*Applicant* : WIGGINS TEAPE LIMITED, FORMERLY OF 3 LINCOLN'S INN FIELDS, LONDON WC2A 3EB, ENGLAND, NOW OF P.O. BOX 88, GATEWAY HOUSE, BASING VIEW, BASINGSTOKE, HAMPSHIRE, RG21 2EE, ENGLAND.

*Inventors* : KIERON PHILIP GREEN, BRUCE REYNOLDS INGLIS, ROGER ANTHONY ALLEN, AND ROGER WHERWELL TRINGHAM.

Application No. 1132/Cal/77 filed July 22, 1977.

Convention date August 2, 1976/(32179/76) U.K.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A fibrous element comprising an elongated structure having a fibrous core with the fibres arranged in random orientation characterized in that said core is stiffened and enclosed by a fibrous crust integral with the core and formed as a surface layer of greater density.

Comp. Specn. 12 Pages. Drg. 2 Sheets.

CLASS 42A<sub>1</sub> & A<sub>2</sub> & 172C<sub>2</sub>.

Int. Cl. A24c 5/50.

PROCESS AND APPARATUS FOR MANUFACTURING ELONGATED FIBROUS ELEMENTS.

*Applicant* : WIGGINS TEAPE LIMITED, FORMERLY OF 3 LINCOLN'S INN FIELDS, LONDON WC2A 3EB, NOW OF P.O. BOX 88, GATEWAY HOUSE, BASING VIEW, BASINGSTOKE, HAMPSHIRE RG21 2EE, ENGLAND.

*Inventors* : KIERON PHILIP GREEN, BRUCE REYNOLDS INGLIS, ROGER ANTHONY ALLEN AND ROGER WHERWELL TRINGHAM.

Application No. 1133/Cal/77 filed July 22, 1977.

Convention date August 2, 1976/(32180/76) U.K.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

33 Claims.

A process for continuously forming a fibrous element in an elongate closed foraminous former during movement of the former through fluid extraction means, and which includes the

steps of forming a fibrous dispersion, injecting the dispersion into said former, generating a pressure gradient across an extraction zone within said fluid extraction means and injecting the fibrous dispersion into the former at an injection velocity relative to the speed of the former (efflux ratio) to cause some of the fibres to build up as a fibrous mat on the inner surface of the former and the remainder to pack together to form a core so as to produce a continuous fibrous element having a fibrous core which is enclosed by a crust of greater density.

Comp. Specn. 25 Pages.

Drg. 5 Sheets.

CLASS 98-I.

148176.

Int. Cl. F24j 3/02.

**SOLAR REFLECTOR MIRROR ASSEMBLY, METHOD FOR CONSTRUCTING THE SAME, AND A SOLAR HEATING DEVICE COMPRISING SAID SOLAR REFLECTOR MIRROR ASSEMBLY.**

Applicant : K. E. ELIS HOLDINGS PTY. LTD., 521, TOORAK ROAD, TORAK, STATE OF VICTORIA, COMMONWEALTH OF AUSTRALIA.

Inventor : CHRISTOPHER GEORGE KELSEY.

Application No. 1168/Cal/77 filed July 30, 1977.

Convention date August 6, 1976/(PC 6893) Australia.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A solar reflector mirror assembly comprising a sheet of heat deformed glass having a plurality of spaced parallel troughs each of which is of general parabolic cross-sectional shape, a mirror surface on one face of the glass, flanges extending outwardly from at least two sides of the glass sheet and a frame engaging the flanges and thereby supporting the sheet.

Comp. Specn. 9 Pages.

Drg. 3 Sheets.

CLASS 206F.

148177.

Int. Cl. H04b 1/26.

**IMPROVEMENTS IN OR RELATING TO SUPERHETERODYNE RECEIVERS.**

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN & MUNICH, GERMANY (WEST).

Inventors : HELMUTH FINK AND DIPLO. ING. GUNTER WEISS.

Application No. 1536/Cal/77 filed October 25, 1977.

Convention date August 1, 1977/(32174/77) U.K.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims.

A superheterodyne receiver in which means are provided for determining any phase interference modulation of a measuring signal received from an object to be measured as a carrier-frequency signal, in which the output voltage of a phase discriminator arranged in an automatic fine tuning circuit of the receiver, regulates the frequency of local oscillator in dependence upon the phase difference between the intermediate frequency measuring signal and a reference voltage and in which the output of said phase discriminator serves as a gauge for the phase reference modulation, being fed directly or via a rectifier to an analyser device which contains a voltage comparator stage in which said output is compared with a reference potential to produce an output signal whenever the discriminator output exceeds said reference potential, and the output of said comparator stage is connected to a pulse counter.

Comp. Specn. 11 Pages.

Drg. 1 Sheet.

CLASS 83A<sub>4</sub>.

148178.

Int. Cl. A23j 3/00.

**METHOD OF MANUFACTURE OF VEGETABLE PROTEIN PRODUCT.**

Applicant : A. E. STALEY MANUFACTURING COMPANY, OF 2200 ELDORADO STREET, DECATUR, ILLINOIS 62525, UNITED STATES OF AMERICA.

Inventors : MICHAEL FLOYD CAMPBELL, RICHARD JAMES FIALA, JAMES DAVID WIDEMAN AND JOHN FREDERICK RASCHE.

Application No. 336/Cal/78 filed March 28, 1978.

Convention date March 16, 1978/(10455/78) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims. No drawings.

A continuous method for making a bland, defatted, substantially flavourless and odour-free vegetable protein product from a moist, solvent-extracted vegetable protein material containing an organo-optically detectable amount of solvent, which comprises :

(a) continuously supplying the moist, solvent-extracted, vegetable protein material to a desolventising apparatus having a gas inlet and outlet;

(b) continuously flowing a humid, inert gas through the protein material at velocity sufficient to fluidise the protein material and to move it as a fluidised bed;

(c) moving the fluidised protein material in the stream of inert gas through a tortuous path whereby all particles of vegetable protein material are subjected to steady fluidising action;

(d) maintaining the temperature of the inert gas within the tortuous path in the range of 100°F (37.8°C)—180°F (82.2°C) and its velocity and pressure sufficient to sustain intimate mixing with the vegetable protein material to maintain the vegetable protein material in a fluidised state and to remove residual solvent therefrom during the course of the tortuous path;

(e) maintaining the dew point at the gas inlet of the desolventising apparatus in the range of 100-130°F (37.8-54.4°C) and the dewpoint at the gas outlet of the desolventising apparatus in the range of 130-155°F (54.4-68.3°C);

(f) controlling the flow rate of vegetable protein material along the tortuous path so that the average time the particles of vegetable protein material remain in contact with the humid, inert gas is from 1-6 hours, whereby the vegetable protein material is effectively continuously desolventised below 2,000 ppm measured by gas liquid chromatograph; and

(g) continuously separating desolventised vegetable protein material from the inert gas.

Comp. Specn. 53 Pages.

Drgs. Nil.

CLASS 55E<sub>4</sub>.

148179.

Int. Cl. C12k 9/00.

**A PROCESS OF PREPARING A HOOFED MAMMAL DIFFERENTIATED CELLULAR BODY FOR TRANSPLANTATION.**

Applicant & Inventor : LYNN LAWRENCE AUGSPURGER, OF 642 FAIRFAX, BIRMINGHAM, MICHIGAN 48009, UNITED STATES OF AMERICA.

Application No. 981/Cal/78 filed September 8, 1978.

Division of Application No. 2004/Cal/76 fil.d November 4, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims.

A process of preparing a hooved mammal differentiated cellular body for transplantation comprising :

Obtaining by methods as herein described a first and second embryonic cellular body having each developed no further than the blastocyst stage,

transferring of depositing by methods herein described a cellular body or an individual cell freed therefrom capable of differentiation from said first body into the second body within the zona pellicula thereto;

subsequently transferring by methods herein described the second cellular body to a life support medium for differentiation of the separated cellular body or the individual cell from said second cellular body destroying by methods herein described the original cellular body of the second body to permit full differentiation of the transferred first cellular body within the zona pellicula of the said second body;

Comp. Specn. 47 Pages.

Drg. 1 Sheet.

CLASS 32 F 3b.

148180.

Jnt. Cl. C07C 143/00.

**PROCESS FOR THE PREPARATION OF ALKYL BENZENE MONO-SULPHONIC ACID.**

Applicants : HINDUSTAN LEVER LIMITED HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, BOMBAY-400 020 MAHARASHTRA, INDIA.

Application No. 26/BOM/1978 filed Jan 20, 1978.

Complete Specification left, January 15, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 8 Claims.

A process for the preparation of alkyl benzene mono-sulphonic acid containing 8 to 16 carbon atoms in the alkyl chain wherein the feedstock as herein described is sulphonated in a two stage process which comprises (a) first sulphonating said feedstock with a SO<sub>3</sub>/inert diluent gas mixture as herein described to a conversion between 85% and 96%, and (b) finally sulphonating the resulting product with oleum as herein described to substantially complete conversion.

Prov. Specn. 5 Pages.

Comp. Specn. 7 Pages.

CLASS 170B+D

148181.

Int. Cl. C11d 1/00, 3/00.

**A PROCESS FOR THE MANUFACTURE OF AN IMPROVED DETERGENT LAUNDRY BAR OR TABLET.**

Applicants : GODREJ SOAPS LIMITED, OF EASTERN EXPRESS HIGHWAY, VIKHROLI, BOMBAY-400 079, MAHARASHTRA, INDIA.

Inventors : 1. BURJOR PIROJSHA GODREJ, 2. NADIR BURJOR GODREJ, 3. MANMOHAN SHANKAR THAKUR.

Application No. 281/Bom/1978 filed Sept. 22, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

## 6 Claims.

1. A process for the manufacture of an improved detergent laundry bar or tablet comprising mixing a raw soap such as herein described, a linear sodium paraffin sulphonate containing 13 to 18 carbon atoms and one or more detergency builders such as herein described and optionally sodium lauryl ether sulphate to form a homogeneous mixture, milling the homogeneous mixture into a ribbon and extruding the ribbon into bar or tablet.

Comp. Specn. 8 Pages.

Drg. sheets nil.

**OPPOSITION PROCEEDINGS**

An opposition has been entered by National Research Development Corporation of India to the grant of a patent on application No. 147661 made by Rohit Harishchandra Parikh.

**PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"**

The following is the list of Patents deemed to be endorsed with the words "Licences of right" under the provisions of Section 87 of the Patents Act, 1970. The dates in the crescent brackets are dates of Patents.

No.	Title of the Invention
139213 (26-5-75)	Process for the manufacture of substituted aminoben-zophenones.
140305 (24-1-73)	Process for preparation of azo pigments.
140444 (29-6-73)	Process for reforming hydrocarbons and reactor therefor.
140483 (21-12-74)	A process for synthesis of 9-substituted amino-1, 2, 3, 4-tetrahydroacridines as local anaesthetics.
140486 (11-5-73)	Process for the synthesis of ammonia and reactor therefor.
140496 (19-10-74)	A process for recovering urea, ammonia and carbon dioxide by treatment of the water vapour generated in concentrating an aqueous urea solution.
140508 (17-9-73)	Process for preparation of azo compounds.
140540 (26-3-74)	A process for preparing snack foods from starch.
140714 (24-11-73)	Process of preparation of purified phosphoric acid.
140728 (26-12-73)	A method of preparing finely divided vulcanized rubber.

**PATENTS SEALED**

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## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 149188. Prakash Aluminium Industries of 3482, Gali Bajrang Bali, Chawri Bazar, Delhi-6, an Indian Partnership Firm. "Door Stopper". January 15, 1980.

Class 1. No. 149194. Jyoti Limited of Industrial Area, P.O. Chemical Industries, Baroda 390003, State of Gujarat, India. "Milking Machine". January 17, 1980.

Class 1. No. 149204. Speed & Power Instruments, 3633, Takiya Tawakul Shah, Qutab Road, Delhi-6, India, a Partnership Firm. "Cradle". January 21, 1980.

Class 1. No. 149210. Apollo Diesels Private Limited an Indian Company of Industrial Estate, Baroda, Gujarat, India. "Auto Diesel Engine". January 24, 1980.

Class 1. No. 149281. Shiv Mohan Band, 3022/38, Beadon Pura, Karol Bagh, New Delhi-110005, an Indian Partnership Concern. "Band Trolley". February 11, 1980.

Class 3. No. 149189. Vitthalbhai Ambalal Patel, "Vivek", 12/13, Boat Club Road, Pune-411001, Indian Nationality. "Spine Massager". January 15, 1980.

Class 3. No. 149190. Vitthalbhai Ambalal Patel, "Vivek", 12/13, Boat Club Road, Pune-411001, Indian Nationality. "Roller Massager". January 15, 1980.

Class 3. No. 149191. Vitthalbhai Ambalal Patel, "Vivek", 12/13, Boat Club Road, Pune-411001, Indian Nationality. "Spectacle". January 15, 1980.

Class 3. No. 149218. Rameshbchandra Kalidas Patel, a citizen of India of 3 Garden Terrace, 11th Road, Santa Cruz, Bombay 400054, State of Maharashtra, India. "a crate". January 25, 1980.

Class 3. No. 149267. Rajasthan Kala Kendra, an Indian Partnership Concern of 91-Crockery Market, Sadar Bazar, Delhi-110006. "Jewellery Box". February 7, 1980.

Class 4. No. 149272. C. K. Sen & Co. Private Limited of "Jabakusum House", 34, Chittaranjan Avenue, Calcutta-700012, West Bengal, India, an Indian Company. "Bottle". February 8, 1980.

Name index of Applicants for Patents for the month of August, 1980 (Nos. 880/Cal/80 to 999/Cal/80, 233/Bom/80 to 255/Bom/80, 142/Mas/80 to 168/Mas/80 and 561/Del/80 to 633/Del/80).

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 Agarwal, G.—254/Bom/80.  
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 Alkali Metals Ltd.—151/Mas/80.  
 Altekar, Y. D.—586/Del/80.

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 Bhatt, S.—595/Del/80.  
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Controller-General of Patents, Designs  
and Trade Marks

